RAW SEQUENCE LISTING PATENT APPLICATION US/09/920,137A

DATE: 05/16/2002 TIME: 16:26:41

INPUT SET: S36855.raw

This Raw Listing contains the General NEPED Information Section and up to the first 5 pages.

1		SEQUENCE LISTING
2		
3 4	(1)	General Information:
5 6 7 8		(i) APPLICANT: Coleman, Roger Bandman, Olga Wilde, Craig G.
9 10		(ii) TITLE OF INVENTION: NEW CHEMOKINES EXPRESSED IN PANCREAS
11 12		(iii) NUMBER OF SEQUENCES: 11
13		(iv) CORRESPONDENCE ADDRESS:
14		(A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
15		(B) STREET: 3174 Porter Drive
16		(C) CITY: Palo Alto
17		(D) STATE: CA
18		(E) COUNTRY: U.S.
19		(F) ZIP: 94304
20		
21		(v) COMPUTER READABLE FORM:
22		(A) MEDIUM TYPE: Diskette
23		(B) COMPUTER: IBM Compatible
24		(C) OPERATING SYSTEM: DOS
25		(D) SOFTWARE: FastSEQ Version 1.5
26		(=, =====
27		(vi) CURRENT APPLICATION DATA:
28		(A) APPLICATION NUMBER:
29		(B) FILING DATE:
30		
31		(viii) ATTORNEY/AGENT INFORMATION:
32		(A) NAME: Luther, Barbara J.
33		(B) REGISTRATION NUMBER: 33,954
34		(C) REFERENCE/DOCKET NUMBER: PF-0027 US
35		
36		(ix) TELECOMMUNICATION INFORMATION:
37		(A) TELEPHONE: 415-855-0555
38		(B) TELEFAX: 415-852-0195
39		
40		
41		(2) INFORMATION FOR SEQ ID NO:1:
42		•
43		(i) SEQUENCE CHARACTERISTICS:
44		(A) LENGTH: 289 base pairs
45		(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

46

RAW SEQUENCE LISTING PATENT APPLICATION US/09/920,137A

DATE: 05/16/2002 TIME: 16:26:41

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57	ATG	AAGG	гст (CCGC	AGCA	CT T	CTGT	GCT	G CT	GCTC	ATAG	CAG	CTGC	CTT	CAGC	CCCA	3 60
58																AGGAA	
59																CAGAA	
60																AAGTG	
61											CCAA						289
62																	
63																	
64			(2)) IN	FORM	OITA	N FO	R SE	QID	NO:	2:						
65																	
66		(:	i) si	EQUEI	NCE (CHAR	ACTE	RIST	ICS:								
67			(A)	LENG	GTH:	97 a	amino	o ac	ids								
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69			(C)	STRA	ANDEI	DNES	S: s:	ingl	e								
70			(D)	TOP	OLOG	Y: 1:	inear	r									
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76			(B) (CLONI	s: 22	2318	/										
77		1-	1	TRAIT	ENTOIR	DEC	ים ד חר	DT () NT	. 077/	. TD	NO.						
78 79		(2	(1)	SEQUI	INCE	ומשע	JRIP.	LION	: 554	עד ג	NO:2	4:					
80	Met	Lvs	Val	Ser	Ala	Ala	Leu	Leu	Trp	Leu	Leu	Leu	Ile	Ala	Ala	Ala	
81	1	_,_			5					10					15		
82	_	Ser	Pro	Gln	Glv	Leu	Thr	Gly	Pro	Ala	Ser	Val	Pro	Thr	Thr	Cys	
83				20	_ 4			•	25					30		-	
84	Cys	Phe	Asn	Leu	Ala	Asn	Arg	Lys	Ile	Pro	Leu	Gln	Arg	Leu	Glu	Ser	
85	•		35				_	40					45				
86	Tyr	Arg	Arg	Ile	Thr	Ser	Gly	Lys	Cys	Pro	Gln	Lys	Ala	Val	Ile	Phe	•
87	_	50	_				55					60					
88	Lys	Thr	Lys	Leu	Ala	Lys	Asp	Ile	Cys	Ala	Asp	Pro	Lys	Lys	Lys	Trp	
89	65					70					75					80	
90	Val	Gln	Asp	Ser	Met	Lys	Tyr	Leu	Asp	${\tt Gln}$	Lys	Ser	Pro	Thr	Pro	Lys	
91					85					90					95		
92	Pro																
93																	
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95			(2)	INI	FORM	OITA	1 FOI	R SE	O ID	NO:	3:						
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RAW SEQUENCE LISTING PATENT APPLICATION US/09/920,137A

DATE: 05/16/2002 TIME: 16:26:42

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		INPUT SET: S36855.raw
100	(C) STRANDEDNESS: single	
101	(D) TOPOLOGY: linear	
102		
103	(ii) MOLECULE TYPE: cDNA	
104	(==,================================	
105	(vii) IMMEDIATE SOURCE:	
105	(A) LIBRARY: Human Pancreas	
	· ·	
107	(B) CLONE: 226152	
108	/ ')	
109	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
110		
111	ATGGCTCAGT CACTGGCTCT GAGCCTCCTT ATCCTGGTTC TGGCCTTT	
112	ACCCAAGGCA GTGATGGAGG GGCTCAGGAC TGTTGCCTCA AGTACAGC	
113	CCCGCCAAGG TTGTCCGCAG CTACCGGAAG CAGGAACCAA GCTTAGGC	rg ctccatccca 180
114	GCTATCCTGT TCTTGCCCCG CAAGCGCTCT CAGGCAGAGC TATGTGCA	GA CCCAAAGGAG 240
115	CTCTGGGTGC AGCAGCTGAT GCAGCATCTG GACAAGACAC CATCCCCA	CA GAAACCAGCC 300
116	CAGGGCTGCA GGAAGGACAG GGGGGCCTCC AAGACTGGCA AGAAAGGA	AA GGGCTCCAAA 360
117	GGCTGCAAGA GGACTGAGCG GTCACAGACC CCTAAAGGGC CA	402
118		•
119		
120	(2) INFORMATION FOR SEQ ID NO:4:	
121	(2) 1111011111111111111111111111111111111	
122	(i) SEOUENCE CHARACTERISTICS:	
123	(A) LENGTH: 134 amino acids	
	(B) TYPE: amino acid	
124	, _ ,	
125	(C) STRANDEDNESS: single	
126	(D) TOPOLOGY: linear	
127		
128	(ii) MOLECULE TYPE: peptide	
129		
130	(vii) IMMEDIATE SOURCE:	V.
131	(A) LIBRARY: Human Pancreas	
132	(B) CLONE: 226152	
133		
134	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
135		•
136	Met Ala Gln Ser Leu Ala Leu Ser Leu Leu Ile Leu Val I	Leu Ala Phe
137	1 5 10	15
138	Gly Ile Pro Arg Thr Gln Gly Ser Asp Gly Gly Ala Gln A	Asp Cvs Cvs
139	• • • • • • • • • • • • • • • • • • • •	30
140	Leu Lys Tyr Ser Gln Arg Lys Ile Pro Ala Lys Val Val	
141	35 40 45	arg ber tyr
		Ilo Lou Pho
142	Arg Lys Gln Glu Pro Ser Leu Gly Cys Ser Ile Pro Ala	ite Leu Pile
143	50 55 60	Dan Tarm Oliv
144	Leu Pro Arg Lys Arg Ser Gln Ala Glu Leu Cys Ala Asp	
145	65 70 75	80
146	Leu Trp Val Gln Gln Leu Met Gln His Leu Asp Lys Thr I	
147	85 90	95
148	Gln Lys Pro Ala Gln Gly Cys Arg Lys Asp Arg Gly Ala S	Ser Lys Thr
149		110
150	Gly Lys Lys Gly Lys Gly Ser Lys Gly Cys Lys Arg Thr G	Blu Arg Ser
151	115 120 125	
152	Gln Thr Pro Lys Gly Pro	
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169	Pne	Cys	PLO		GIY	пеп	Ala	GIII	25	Asp	GIY	val	Asp	30	FIU	1111
170	mb w	C++-	Cira	20 Dho	7 cn	TT 222	т10	Asn		Laze	т1 д	Dro	λνα		λνα	T.611
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176	65	III sees	17-1	Cln.	7 an		Mot	Lys	Uic	T.011		Lare	Gln.	Thr	Dro	
177	гур	тъ	val	GIII	85	Ser	Mec	цуь	птэ	90	Asp	цуз	GIII	1111	95	цуз
178					00					90					23	
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180 181	Pro		(2)	\ T NTI	E O D M	N TT C	N FO	9 CE/) TD	NO.	.					
180 181 182	Pro		(2)) IN	FORM	ATIOI	N FOI	R SE	Q ID	NO : 6	5:			٠		
180 181 182 183	Pro	()								NO:	5:					
180 181 182 183 184	Pro	(:	i) SI	EQUEI	NCE (CHAR	ACTEI	RIST	ICS:	NO:	5:					
180 181 182 183 184 185	Pro	(:	i) SI (A)	EQUEI LEN	NCE (CHARI	ACTE amin	RIST:	ICS:	NO:	5:					
180 181 182 183 184 185	Pro	(:	i) SI (A) (B)	EQUEI LENO TYPI	NCE (GTH: E: ar	CHARA 92 a mino	ACTE amino acio	RIST:	ICS: ids	NO : 6	5:					
180 181 182 183 184 185 186	Pro	(:	i) SI (A) (B) (C)	EQUEI LENG TYPI STRA	NCE (GTH: E: ar ANDEI	CHARA 92 a mino ONES	ACTEI amino acio S: s:	RIST: o ac: ingle	ICS: ids	NO:	5:					
180 181 182 183 184 185 186 187	Pro	(:	i) SI (A) (B)	EQUEI LENG TYPI STRA	NCE (GTH: E: ar ANDEI	CHARA 92 a mino	ACTEI amino acio S: s:	RIST: o ac: ingle	ICS: ids	NO:	5:					
180 181 182 183 184 185 186 187 188	Pro		i) SI (A) (B) (C) (D)	EQUEI LENG TYPI STRA	NCE (GTH: E: at ANDEI OLOGI	CHARA 92 a mino ONESS	ACTEI amind acid S: s:	RIST: o ac: ingle	ICS: ids	NO : 6	5:					
180 181 182 183 184 185 186 187 188 189	Pro		i) SI (A) (B) (C) (D)	EQUEI LENG TYPI STRA	NCE (GTH: E: at ANDEI OLOGI	CHARA 92 a mino ONESS	ACTEI amind acid S: s:	RIST: o ac: ingle	ICS: ids	NO : 6	5:					
180 181 182 183 184 185 186 187 188 189 190	Pro	(:	i) SI (A) (B) (C) (D)	EQUEI LENG TYPI STRA TOPO	NCE (GTH: E: at ANDEI DLOGE	CHARA 92 a mino ONESS Y: 1: TYPE	ACTEI amino acio S: s: inea:	RIST: o ac: ingle r eptic	ICS: ids	NO:	5:					
180 181 182 183 184 185 186 187 188 189 190 191 192	Pro	(: (v:	i) SI (A) (B) (C) (D) ii) I	EQUEI LENG TYPI STRA TOPG	NCE (GTH: E: ar ANDER DLOGY CULE	CHARA 92 a mino ONESS Y: 1: TYPI	ACTEI amino acio S: s: inear E: pe	RIST: o ac: ingle r eptic	ICS: ids	NO:	5:					
180 181 182 183 184 185 186 187 188 189 190 191 192 193	Pro	() (v:	i) SI (A) (B) (C) (D) ii) I	EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA	NCE (GTH: E: at ANDE) DLOGT CULE DIATI	CHARA 92 a mino ONESS Y: 1: TYPI E SOU Geni	ACTEI amino acio S: s: inear E: pe URCE	RIST: o ac: ingle r eptic	ICS: ids	NO:	5:					
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194	Pro	() (v:	i) SI (A) (B) (C) (D) ii) I	EQUEI LENG TYPI STRA TOPG	NCE (GTH: E: at ANDE) DLOGT CULE DIATI	CHARA 92 a mino ONESS Y: 1: TYPI E SOU Geni	ACTEI amino acio S: s: inear E: pe URCE	RIST: o ac: ingle r eptic	ICS: ids	NO:	5:					
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195	Pro	(: (v:	i) SI (A) (B) (C) (D) ii) I (A) I (B) (C)	EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA CLONI	NCE (GTH: E: at ANDEI DLOGT CULE DIATI ARY: E: MI	CHARA 92 a mino ONES Y: 1: TYPI E SOU Geni	ACTEI amind acid S: s: inear E: pe URCE Bank	RIST: o ac: di ingle r eptic	ICS: ids							
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196	Pro	(: (v:	i) SI (A) (B) (C) (D) ii) I (A) I (B) (C)	EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA CLONI	NCE (GTH: E: at ANDEI DLOGT CULE DIATI ARY: E: MI	CHARA 92 a mino ONES Y: 1: TYPI E SOU Geni	ACTEI amind acid S: s: inear E: pe URCE Bank	RIST: o ac: ingle r eptic	ICS: ids			5:				
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197		:) :v) :(2)	i) SI (A) (B) (C) (D) ii) ! ii) ! (A) ! (B) (EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA CLONI	NCE (GTH: E: at ANDEL OLOGY CULE DIATI ARY: E: MI	CHARA 92 a mino ONESS Y: 1: TYPH E SOU Genl IP-1a	ACTEI amind acid S: s: inear E: pe URCE Bank a	RIST: o ac: dingle r eptic :	ICS: ids e le	Q ID	NO : 6		Cva	Ψh×	M o ≠	Δla
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198	Met	:) :v) :(2)	i) SI (A) (B) (C) (D) ii) ! ii) ! (A) ! (B) (EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA CLONI	NCE (GTH: E: an ANDER OLOGY CULE DIATI ARY: E: MI	CHARA 92 a mino ONESS Y: 1: TYPH E SOU Genl IP-1a	ACTEI amind acid S: s: inear E: pe URCE Bank a	RIST: o ac: di ingle r eptic	ICS: ids e le	Q ID Val	NO : 6		Cys	Thr		Ala
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199	Met 1	(; (v: (; Gln	i) SI (A) (B) (C) (D) ii) ! ii) ! (A) ! (B) (ki) \$	EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA CLONI SEQUI	NCE (GTH: E: at ANDEL OLOGY CULE DIATI ARY: E: M: ENCE Thr	CHARZ 92 a mino ONESS Y: 1: TYPI E SOU Geni IP-1a DESC Ala	ACTEI amind acid S: s: inear E: pe URCE Bank a CRIP	RIST: D ac: dingle r eptic :	ICS: ids e de) ID Val 10	NO:	Leu	_		15	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200	Met 1	(; (v: (; Gln	i) SI (A) (B) (C) (D) ii) ! ii) ! (A) ! (B) (ki) \$	EQUEI LENG TYPI STRA TOPO MOLEO IMMEI LIBRA CLONI SEQUI Ser	NCE (GTH: E: at ANDEL OLOGY CULE DIATI ARY: E: M: ENCE Thr	CHARZ 92 a mino ONESS Y: 1: TYPI E SOU Geni IP-1a DESC Ala	ACTEI amind acid S: s: inear E: pe URCE Bank a CRIP	RIST: o ac: dingle r eptic :	ICS: ids le Leu) ID Val 10	NO:	Leu	_	Pro	15	
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201	Met 1 Leu	(; (v: (gln Cys	i) SI (A) (B) (C) (D) ii) I (A) I (B) (C) (C) (A) I (B) (C)	EQUEI LENG TYPI STRA TOPO MOLEO IMMEI LIBRA CLONI SEQUI Ser Gln 20	NCE (GTH: E: an ANDER OLOGY CULE DIATH ARY: E: MI ENCE Thr 5 Phe	CHARZ 92 a mino ONESS Y: 1: TYPH E SOU GenH IP-1a DESC Ala Ser	ACTERAMING acid S: S: inear E: pe URCE Bank a CRIPT Ala Ala	RIST: D ac: dingle r eptic : FION Leu Ser	ICS: ids de le Leu 25	Q ID Val 10 Ala	NO:6	Leu Asp	Thr	Pro	15 Thr	Ala
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202	Met 1 Leu	(; (v: (gln Cys	i) SI (A) (B) (C) (D) ii) I (A) I (B) (C) (Xi) S Val Asn Phe	EQUEI LENG TYPI STRA TOPO MOLEO IMMEI LIBRA CLONI SEQUI Ser Gln 20	NCE (GTH: E: an ANDER OLOGY CULE DIATH ARY: E: MI ENCE Thr 5 Phe	CHARZ 92 a mino ONESS Y: 1: TYPH E SOU GenH IP-1a DESC Ala Ser	ACTERAMING acid S: S: inear E: pe URCE Bank a CRIPT Ala Ala	RIST: D ac: dingle r eptic : FION Leu Ser Arg	ICS: ids de le Leu 25	Q ID Val 10 Ala	NO:6	Leu Asp	Thr Asn	Pro	15 Thr	Ala
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203	Met 1 Leu Cys	(; (v: (gln Cys Cys	i) SI (A) (B) (C) (D) ii) I (A) I (B) (C) (A) I (B) Val Asn Phe 35	EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA CLONI SEQUI Ser Gln 20 Ser	NCE (GTH: E: an ANDER OLOGY CULE DIATH ARY: E: MI ENCE Thr 5 Phe Tyr	CHARZ 92 a mino ONESS Y: 1: TYPH E SOU GenH IP-1a DESC Ala Ser Thr	ACTERAMING ACTOR S:	RIST: D ac: dingle r eptic : FION Leu Ser Arg 40	ICS: ids de le Leu 25 Gln	Val 10 Ala Ile	NO:6	Leu Asp Gln	Thr Asn 45	Pro 30 Phe	15 Thr Ile	Ala Ala
180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202	Met 1 Leu Cys	(; (v: (gln Cys Cys	i) SI (A) (B) (C) (D) ii) I (A) I (B) (C) (A) I (B) Val Asn Phe 35	EQUEI LENG TYPI STRA TOPO MOLEG IMMEI LIBRA CLONI SEQUI Ser Gln 20 Ser	NCE (GTH: E: an ANDER OLOGY CULE DIATH ARY: E: MI ENCE Thr 5 Phe Tyr	CHARZ 92 a mino ONESS Y: 1: TYPH E SOU GenH IP-1a DESC Ala Ser Thr	ACTERAMING ACTOR S:	RIST: D ac: dingle r eptic : FION Leu Ser Arg	ICS: ids de le Leu 25 Gln	Val 10 Ala Ile	NO:6	Leu Asp Gln	Thr Asn 45	Pro 30 Phe	15 Thr Ile	Ala Ala





RAW SEQUENCE LISTING PATENT APPLICATION US/09/920,137A

DATE: 05/16/2002 TIME: 16:26:43

INPUT SET: S36855.raw Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala (2) INFORMATION FOR SEQ ID NO:7: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 92 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: peptide (vii) IMMEDIATE SOURCE: (A) LIBRARY: GenBank (B) CLONE: MIP-1b (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7: Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn (2) INFORMATION FOR SEQ ID NO:8: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 91 amino acids (B) TYPE: amino acid

- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- (vii) IMMEDIATE SOURCE:
 - (A) LIBRARY: GenBank
 - (B) CLONE: RANTES
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala

SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/09/920,137A

DATE: 05/16/2002 TIME: 16:26:43

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Original Text